

# Sarfaraj Ansari

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## Education

VIT Bhopal University, Bhopal, India

October 2022 – Present

B-Tech Computer Science and Engineering (Specialization in Artificial Intelligence and Machine Learning) CGPA: 8.57/10

## Skills

**Languages:** Python, JavaScript, HTML/CSS

**Frameworks:** Pytorch, Keras, scikit-learn, matplotlib, streamlit, SQL, fastapi, Docker, Django, Selenium, React JS.

**Concept & Tools:** GANs, Transformers, Deep Neural Networks, Machine Learning, Pandas, Beautiful-Soup, Azure Function, Azure Service-bus, AWS Lambda, ECR.

**Soft Skills:** Team leadership, Integrity & ethics, Logical reasoning, Public Speaking.

## Work Experience

Settlyl July 2021 - Present

**Full Stack AI Engineer Intern**

- Engineered a comprehensive form management solution featuring a JSON-based rendering engine that dynamically creates forms from schema definitions across 15+ product modules, with an OCR-powered auto-fill system that extracts data from uploaded PDFs reducing development time by 70%.
- Built scalable inventory tracking system for Xpress-bees using ClickHouse database, processing 2M+ product serial numbers daily, reducing query response time from hours to minutes.
- Designed Multi-agent system using Google's Agent Development kit to encapsulate platform features over a chat with Agents.
- Tech-stack: Python, Pandas, Scikit-learn, Selenium, Clickhouse, PostgreSQL, Mongo DB, Fast API, React JS, Express JS, Node JS, JavaScript, Docker, Azure Functions.

## Projects

Discovery Of India | [Kaggle Link](#) June 2025

Python, Pytorch, Transformer

- Trained a transformer-based small language model (SLM) on Jawaharlal Nehru's writings to capture domain-specific linguistic style and knowledge.

Mountain Generation GAN | [Wandb Report](#) | [Github Link](#) May 2025

Python, Pytorch

- Trained a GAN model to generate realistic mountain landscape images from random noise using 20K training images.

Flower Classification model | [Kaggle Link](#) December 2024

Python, pytorch, matplotlib

- Designed and trained a CNN model to classify flowers of 5 categories using data augmentation to reduce overfitting and increase accuracy by 7%.

Legal Sphere | [Github Link](#) August 2024

Python, Langchain, React JS, MongoDB

- Built AI-driven legal research engine that provides case analysis and reports using RAG on 250K past judgements.

Drug effectiveness | [Kaggle Link](#) December 2023

Python, Pandas, Numpy, Scikit Learn

- Developed predictive models (Random Forest, KNN, SVM) to forecast drug effectiveness across 37 medical conditions using patient review data, achieving 0.446 MAE on top-performing drugs.

## Achievements

- Freelancing:** Completed 30+ paid freelance projects on Upwork, Became top rated freelancer in 2022
- Coding Platforms:** Solved 150+ problems on LeetCode and 50 problems on GeeksforGeeks
- Hackathons:** Won IIT Guwahati Research & Industrial Hackathon, won SIH2024 internal round

## Extra Curriculars

- President, Freelancing club of VIT Bhopal | January 2024 – Present:** Led a club of 200+ members, facilitated workshops for 100+ attendees on skill building and freelancing, and organized 'Freelance Arena,' a competition where participants advanced by proposing ideas, negotiating, and completing projects on time.
- Hobbies:** Playing Chess, Participating in Model United Nations.
- Languages:** Fluent in Hindi, English.